

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-352206

(43)Date of publication of application : 21.12.2001

(51)Int.Cl.

H01P 5/12  
H01L 23/52  
H01L 25/04  
H01L 25/18  
H01L 27/04  
H01L 21/822  
H01P 3/08  
H01P 5/02  
H03F 3/60

(21)Application number : 2000-171331

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 07.06.2000

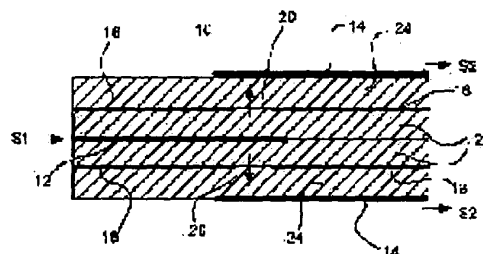
(72)Inventor : MATSUZUKA TAKAYUKI  
KATO TAKAYUKI

## (54) HIGH-FREQUENCY CIRCUIT DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a small-sized high-frequency circuit which includes a distributing circuit and a composing circuit.

**SOLUTION:** This high-frequency circuit device is equipped with a laminated circuit 10 constituted by inserting a 1st conductor transmitting a signal into a 1st dielectric layer 22, arranging a 1st ground conductor layer 16 and a 2nd ground conductor layer 18 having 1st openings 20 facing each other across the 1st dielectric layer 22 on the top and reverse sides of the 1st dielectric layer 22, arranging 2nd dielectric layers 24 on the top surfaces of the 1st and 2nd ground conductor layers respectively, and arranging a couple of 2nd conductors 14 transmitting signals on the top surfaces of the 2nd dielectric layers 24 respectively so that parts of them face each other across the 1st openings 20.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office